

EASTERN PET -16 SANTA FE
SW NE 31-21N-29E APACHE CO. 218

COUNTY Apache AREA 4 mi/SE/Sanders LEASE NO. Santa Fe Fee

WELL NAME	Eastern Petroleum Company #16 Santa Fe									
LOCATION	SW NE	SEC	31	TWP	21N	RANGE	29E	FOOTAGE	1650' FNL	1650' FEL
ELEV	6075	GR	KB	SPUD DATE	10-30-62		STATUS	COMP. DATE		TOTAL DEPTH
								11-4-62	828'	

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
8 5/8	90'	20 sx	NA	<u>x</u>
				DRILLED BY CABLE TOOL
				PRODUCTIVE RESERVOIR
				INITIAL PRODUCTION

[illegible]

ELECTRIC LOGS IE	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG _____ SAMPLE DESCRP. _____ SAMPLE NO. _____ CORE ANALYSIS _____ DSTs <u> X </u>
REMARKS _____			APP. TO PLUG _____ PLUGGING REP. _____ COMP. REPORT <u> X </u>

WATER WELL ACCEPTED BY C. G. Wallace, Sanders, AZ Letter dated 11-6-63

BOND CO. U. S. Fidelity & Guaranty Co. BOND NO. 27716-13-3983-65
DATE _____
BOND AMT. \$ 25,000 CANCELLED _____ ORGANIZATION REPORT 9-17-63
FILING RECEIPT 9321 LOC. PLAT X WELL BOOK X PLAT BOOK X
API NO. APL# 02-001-05316 DATE ISSUED 11-6-62 DEDICATION A11

PERMIT NUMBER 218

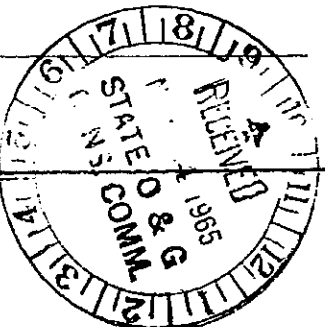
(over)

NO.	FROM	TO	RESULTS
1	776	830	Rec 30' DM died in 2 min.
2	769	830	Rec 5' DM

		CORE RECORD	
NO.	FROM	TO	RECOVERY
			REMARKS

DATE STARTED - COMPLETED		WORK PERFORMED	NEW PERFORATIONS

REDACTED BY CARTER

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG									
DESIGNATE TYPE OF COMPLETION:									
New Well <input type="checkbox"/>	Work-Over <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Reservoir <input type="checkbox"/>	Different Reservoir <input type="checkbox"/>	Oil <input type="checkbox"/>	Gas <input type="checkbox"/>	Dry <input checked="" type="checkbox"/>	
DESCRIPTION OF WELL AND LEASE									
Operator Eastern Petroleum Company				Address P. O. Box 291, Carmi, Illinois					
Federal, State or Indian Lease Number or name of lessor if fee lease Eastern-Santa Fe Fee				Well Number 16		Field & Reservoir Wildcat			
Location 1650' S of NL; 1650' W of EL				County Apache					
Sec. TWP-Range or Block & Survey 31-21N-29E									
Date spudded 10-30-62		Date total depth reached 11-3-62		Date completed, ready to produce		Elevation (DF, RKB, RT or Gr.) 6075 Gr.		Elevation of casing hd. flange feet	
Total depth 828		P.B.T.D.		Single, dual or triple completion?		If this is a dual or triple completion, furnish separate report for each completion.			
Producing interval (s) for this completion				Rotary tools used (interval) 0 - 828		Cable tools used (interval)			
Was this well directionally drilled?		Was directional survey made?		Was copy of directional survey filed?		Date filed			
No									
Type of electrical or other logs run (check logs filed with the commission) Induction-electric						Date filed			
CASING RECORD									
Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)									
Purpose		Size hole drilled		Size casing set		Weight (lb./ft.)		Depth set	
Surface		10 3/4		8 5/8				90.5	
								20	
								-0-	
TUBING RECORD LINER RECORD									
Size in.		Depth set ft.		Packer set at ft.		Size in.		Top ft.	
								Bottom ft.	
								Sacks cement	
								Screen (ft.)	
PERFORATION RECORD ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD									
Number per ft.		Size & type		Depth interval		Am't. & kind of material used		Depth interval	
INITIAL PRODUCTION									
Date of first production				Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)					
Date of test		Hrs. tested		Choke size		Oil prod. during test bbls.		Gas prod. during test MCF	
								Water prod. during test bbls.	
								Oil gravity ° API (Corr)	
Tubing pressure		Casing pressure		Cal'ed rate of Production per 24 hrs.		Oil bbls.		Gas MCF	
								Water bbls.	
								Gas-oil ratio	
Disposition of gas (state whether vented, used for fuel or sold):									
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Secretary</u> of the <u>Eastern Petroleum Company</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <p><u>November 22, 1965</u> Date</p> <p style="text-align: right;"><u>J. H. Edwards</u> Signature</p>									
					STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log File One Copy Form No. 4				
Permit No. <u>218</u>									

(Complete Reverse Side)

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
			<p>DST #1 - 776-830 (Coconino) Tool opened w/weak blow, died in 2 minutes. Swab tested, recovered 30' drilling md.</p> <p>DST #2 - 769-830 (Coconino) 1 hr. test - tool opened with few bubbles & died. Pulled swab once. Recovered 5' drilling mud.</p> <p>A fresh water flow was encountered at an interval 40'-60' and the owner, C. J. Wallace, Sanders, Arizona, is using this as a fresh water well. The attached letter was directed to Mr. Wallace. We have no knowledge whether it was signed and forwarded to the Commission.</p>

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

C
16 -

TD - 900

P.A. 11-4-62

Info from Paul
Lewie
5/5/64

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR Eastern Petroleum Company DATE November 1, 1962
Box 291 Carmi Illinois
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease Santa Fe FEE Well number 16 Elevation (ground) 6075
Well location (give footage from section lines) 1650' F.N.L. & 1650' F.E.L. NE Section—township—range or block & survey 31-21N-29E
Field & reservoir (if wildcat, so state) Wildcat County Apache
Distance, in miles, and direction from nearest town or post office Approx. 4 miles SE of Sanders
Nearest distance from proposed location to property or lease line: 1650 feet Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: feet
Proposed depth: 1100 feet Rotary or cable tools Rotary Approx. date work will start 10-30-62
Number of acres in lease: 640 Number of wells on lease, including this well, completed in or drilling to this reservoir: One
If lease, purchased with one or more wells drilled, from whom purchased: Name Address

Status of bond Blanket

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

Plat to follow

* Fill in Proposed Casing Program on other side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Secretary of the Eastern Petroleum Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

November 1, 1962
Date

Signature

Permit Number: 218
Approval Date: 11-6-62
Approved By: [Signature]
Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.
See Instruction on Reverse Side of Form

STATE OF ARIZONA OIL & GAS
CONSERVATION COMMISSION

Application to Drill, Deepen or Plug Back

Form No. P-1

File two copies

Effective Feb. 28, 1962.

INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

For the purpose of this determination attach hereto a neat, accurate plat, map or sketch of this lease, section, block or lot locating thereon the proposed site for this location. Plat shall be drawn to a scale which will permit the facile observation of all pertinent data. Show distances of the proposed well from the two nearest lease and section lines, and from the nearest wells on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

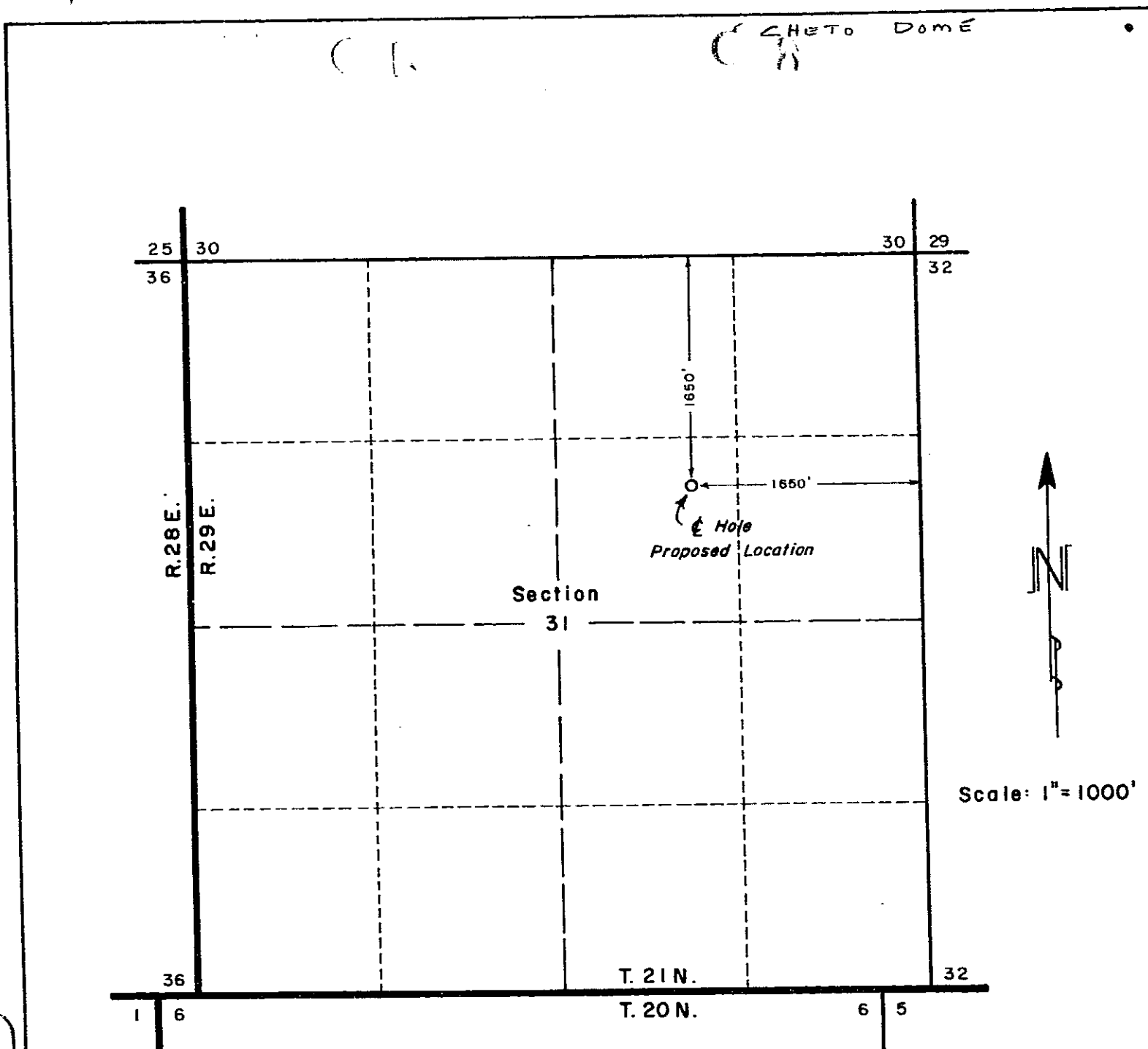
In event plat is filed for the purpose of designating the drilling and producing unit, or proration unit, on which the proposed well is to be drilled, the boundaries of such unit shall be shown, also the boundaries of all other such units attributed to other wells on the same lease completed in or drilling to the same reservoir. The acreage contained within each unit shall also be shown.

Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8 5/8"		H-40		98'	98'	50



WELL LOCATION: Eastern Petroleum —

Located 1650 feet South of the North line and 1650 feet West of the East line of Section 31,
Township 21 North, Range 29 East, Gila & Salt River Meridian.
Apache Co., Arizona

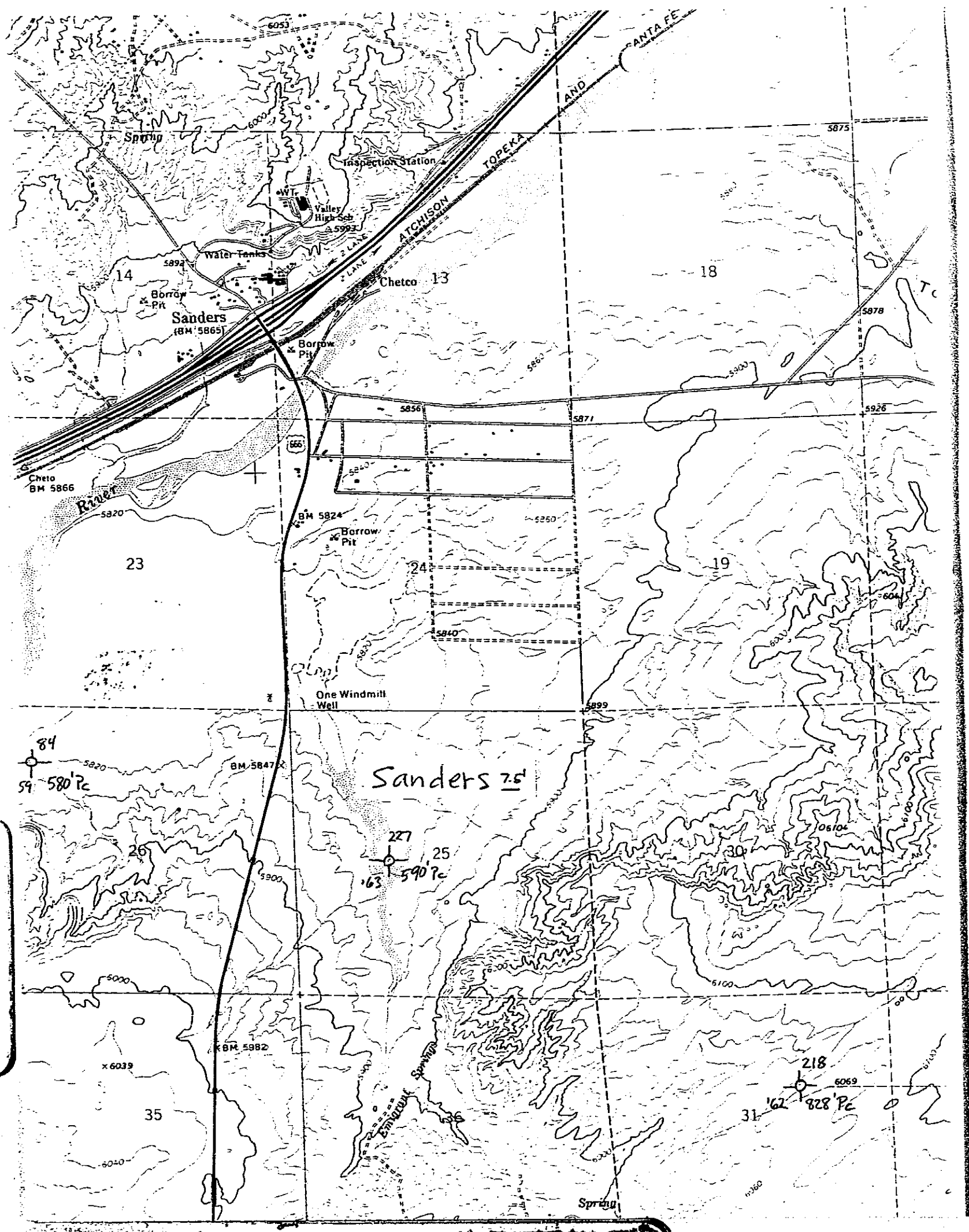
I hereby certify the above plat represents a survey
made under my supervision and that it is accurate
to the best of my knowledge and belief.

Elmer M. Clark

ELMER M. CLARK
Registered Land Surveyor
State of Arizona #4973

GR. EL 6075

EASTERN PETROLEUM	
WELL LOCATION PLAT NE 1/4 Sec. 31, T21 N, R29 E Apache Co., Arizona	
E.M. CLARK & ASSOC. Durango, Colorado	DATE: Oct. 24, 1962 FILE NO: 62082



Operator Eastern Petroleum Company

Bond Company U. S. Fidelity & Guaranty Co. Amount \$10,000

Bond No. 27716-13-3746-60 Date Approved 8-1-60

Permits covered by this bond:

SEE THIS
FILE

269✓

234✓

81✓

230✓

252✓

229✓

251✓

237✓

107✓

236✓

207✓

218✓

157✓

209✓

88✓

206✓

80✓

194✓

78✓

188✓

264✓

155✓

263✓

150✓

273✓

152✓

259✓

109✓

258✓

108✓

255✓

107✓

282✓

250✓

276✓

284✓

227✓

CANCELLED

DATE 11-22-65

May 13, 1963

Mr. Henry Fullop
Eastern Petroleum Company
Box 291
Carmi, Illinois

Dear Hank:

Attached is a list showing Eastern's wells and what we used from Eastern Petroleum in order to complete our files.

We have attempted in the past to get you to furnish this information. I do not want to have to go against the bond or to get the Attorney General in on this in order to secure this information which, as you know, by law the Commission is entitled to.

If you need any forms, or if we can help you in any way in securing and filing this information, please let us know.

Please comply with this request at your earliest convenience.

Sincerely,

John Banister
Executive Secretary

BT
enc

cc: Attorney General

Permit
No.

EASTERN

(Cond No. 27116-13-3/76-...
J.S. Fr. & Gas. Co.

127 Eastern Santa Fe #23

Sec 35-21N-28E

Apache Co., Ariz

Need:

- 1) Completion report
- 2) Formation logs; Coring logs
- 3) Logs

128 Santa Fe #12

Sec 11-20N-27E

Apache Co.

Need: 1) Logging report

2) Completion "

3) Logs

157 Coyote Creek #1

Sec 27-10N-30E

Apache Co.

Need: 1) Logging report

2) Completion "

3) Logs

130 Santa Fe Sec #20 Need: 1) Appx. to plug

Sec 23-19N-27E

2) Logging record

3) Completion "

15 Santa Fe Core Hole #2 Need: 1) Logging record

Sec 31-20N-27E

2) Completion "

Apache Co.

3) Logs

Core Hole

Santa Fe Core Hole #1 Need: 1) Logging record

Sec 31-20N-27E

2) Completion "

Apache Co.

3) Logs

Santa Fe Sec #16 Need: 1) Logging record

Sec 31-21N-29E

2) Completion "

Apache Co.

3) Logs

248

106 Santa Fe #18 Need: 1) Logging record
Sec 13-20N-27E
Apache Co.

107 Santa Fe #19 Need: 1) Logging report
Sec 12-19N-27E
Apache Co.

108 Santa Fe #15 Need: 1) Completion report
Sec 15-20N-27E
Apache Co.

109 Santa Fe #1 Need: 1) Completion report
Sec 1-19N-20E
Apache Co.

107 Santa Fe #1 Need: (1) Completion report
Sec 35-21N-26E
Apache Co.
Strat test

108 Santa Fe #2 Need: (1) Completion report
Sec 7-20N-27E
Apache Co.

109 Santa Fe #3 Need: (1) Completion report
Sec 9-19N-27E
Apache Co.

2/8

credit

No.

50 Santa Fe #5 need: ~~drilling record~~
Sec 9-19N-28E (2) Completion record
Apache Co.

Santa Fe #6 need: completion report
Sec 25-20N-28E
Apache Co.

234 Santa Fe #21 need: (1) logs
Sec 31-20N-28E (2) Completion report
Apache Co.

227 Santa Fe #23 need: (1) logs
(2) Completion report

Note: Eastern should be informed
that we require: (1) formation tops,
(2) Drill stem test descriptions, and
(3) Core descriptions on the
completion forms.



PAUL FANNIN
GOVERNOR
LYNN LOCKHART
CHAIRMAN
R. KEITH WALDEN
VICE CHAIRMAN
CHARLES KALIL, M.D.
MEMBER
ORME LEWIS
MEMBER
LUCIEN B. OWENS
MEMBER

OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 506
1624 WEST ASH
Tucson, Arizona 85707
PHONE: 271-5161

JOHN BANNISTER
EXECUTIVE SECRETARY
JOHN K. PETTY
PETROLEUM GEOLOGIST

August 5, 1964

Mr. J. N. Edwards
Eastern Petroleum Company
Box 291
Carmi, Illinois

Dear Mr. Edwards:

In reviewing our files we find that we are without numerous and various forms necessary to complete our files in some cases, and in others the required forms are necessary that we may keep our files current with the operations of your wells. I am enclosing a substantial number of the required forms together with a guide so that you may fill out the proper information with the wells concerned. Inasmuch as we are trying to stay current your early cooperation will be appreciated.

If there is any assistance that we may give please advise.

Very truly yours,

Bill Cooper
Records Section

218

218

November 6, 1963

Oil & Gas Conservation Comm.
Room 101, 1624 West Adams
Phoenix 7, Arizona

Re: Santa Fe Oil, Sec. 11-21N-29E
Apache County, Arizona

Gentlemen:

This is to certify that Eastern Petroleum Company did drill or cause to be drilled a well for oil and/or gas 1630' South of the North Line and 1630' East of the East Line of Section 31-21N-29E, Apache County, between October 30 and November 3, 1963.

Further, that said well was drilled to an approximate depth of 530 feet and that said well was non-productive of either oil or gas, and that a fresh water flow was encountered at an interval from 40 feet to 60 feet.

Further, that I, C. G. Wallace, landowner, having used said well as a fresh-water well and desiring to continue use of said well as a water well, do hereby assume responsibility for the well and final plugging of said well when and if necessary; thereby, relieving Eastern Petroleum Company and its bonding company of said responsibility. Compliance herewith is in accordance with Rule 9, Section 204.

C. G. Wallace, Landowner

EASTERN PETROLEUM COMPANY, Operator

By _____
President



July 15, 1963

Eastern Petroleum Company
P. O. Box 291
Carmi, Illinois

Re: Santa Fe Fee #16 - Sec. 31, T21N, R29E,
Apache County, Arizona

Gentlemen:

You were issued a permit to drill the captioned well
in November 1962.

We have had no reports on the drilling or completion
of a well at this location. Will you please give us
information regarding this permit.

Yours very truly,

N. A. Ludewick
Executive Secretary

November 9, 1962

Eastern Petroleum Company
P. O. Box 291
Carmi, Illinois

Re: Eastern Petroleum Co. Santa Fe Fee Well #16
Sec. 31, T21N, R29E, Apache County, Arizona

Attention: Mr. J. N. Edwards, Secretary

Gentlemen:

Enclosed is your approved copy of application for permit to drill the above designated test together with your receipt for the \$25.00 permit fee.

As you will note from your approved copy, we have inserted the word "Fee" next to Santa Fe under Name of Lease. We are enclosing a memorandum which explains the reason for this action.

If you have any questions or if we may help in any other way, please do not hesitate to call upon us.

Yours very truly,

John K. Petty
Petroleum Geologist

encls 3

November 5, 1962

Mr. R. Keith Walden, Chairman
Oil and Gas Conservation Commission
P. O. Box 1271
Tucson, Arizona

Re: Eastern Petroleum Co. Santa Fe No. 16
Sec. 31, T21N, R29E, Apache County, Arizona

Dear Mr. Walden:

Enclosed, in duplicate, is an application for permit to drill the above designated test.

Before John left here Friday, he asked me to forward this application to you for your signature if and when we received it and he would check it upon his return from Texas.

As you will note, they have a blanket bond with us and we have their \$25.00 permit fee here.

Yours very truly,

Helen M. Krenie
secretary

encls 2